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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

INVENTOR(S): Tang et al.

SERIAL NO.: 10/629,124

FILED: July 29, 2003

ART UNIT: 2661

EXAMINER:

TITLE: Method and Apparatus Providing Adaptive Learning in an Orthogonal Frequency Division Multiplex Communication System

CONFIRMATION NO.: 5924

ATTORNEY DOCKET NO.: 873.0123.U1(US)

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

(37 C.F.R. §1.97(b))

Dear Sir:

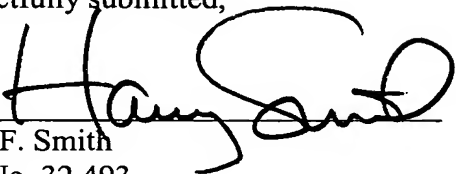
The following information is being disclosed to the U.S. Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

Applicants' Attorney is aware of the art listed on the enclosed Form PTO-1449. Copies of the non-U.S. patent art are enclosed with the Form PTO-1449 for the Examiner's use, including an International Search Report and Written Opinion dated 28 April 2006. The Search Report relates to International Patent Application No. PCT/US04/21277.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g) or that no other possible material information exists.

Serial No. 10/629,124
Attorney Docket No. 873.0123.U1(US)

Respectfully submitted,



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5/3/2006
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
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PATENT APPLICATION
(FORM PTO-1449)**

Docket No.: 873.0123.U1(US)

Serial No.: 10/629,124

Applicant(s): Tang et al.

Filing Date: 07/29/03

Group: 2661

(Substitute)

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US-5,479,447	12-26-1995	Chow et al.	375	260
	US-2003/0026200	02-06-2003	Fu et al.	370	208
	US-6,925,066	08-02-2005	Chekuri et al.	370	319
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a
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OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)

	KELLER, T.; HANZO, L., "Adaptive Modulation Techniques for Duplex OFDM Transmission", Vehicular Technology, IEEE Transactions, Vol. 49, No. 5, pp. 1893-1906, Sep 2000
	WONG, C. Y., CHENG; R. S., LETAIEF; K. B., MURCH, R. D., "Multiuser Subcarrier Allocation for OFDM Transmission Using Adaptive Modulation", Vehicular Technology Conference, July 1999 IEEE 49 th , Vol. 1, pp 479-483

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.
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